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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,570	11/27/2001	Akihiro Kushida	862.C2442	7438

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EXAMINER

VO, HUYEN X

ART UNIT PAPER NUMBER

2655

DATE MAILED: 04/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/993,570

Applicant(s)

KUSHIDA ET AL.

Examiner

Huyen Vo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 43-61 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 43-61 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11/27/2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant has submitted an amendment filed 12/30/2004 arguing to traverse the art rejection based on amended limitation regarding "*storing means for storing a user dictionary which holds target recognition words and input form identifying information in association with each other*" (see claim amendment). Applicant's arguments have been considered but are not persuasive. Dragosh et al. fully anticipates this limitation in that the client device holds speech recognition grammars and upon receiving a request from the server, the client device sends speech recognition grammars to the server to perform speech recognition (*figures 1-4, the client device must include a memory for storing speech recognition grammars*).

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless – (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 43-61 are rejected under 35 U.S.C. 102(b) as being anticipated by Dragosh et al. (US Patent No. 6078886).

4. Regarding claim 43, Dragosh et al. disclose a client-server speech recognition system for recognizing, by a server, speech input at a client for inputting information to

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an input form, the client having plural input forms, the client-server speech recognition system comprising:

the client comprising: storing means for storing a user dictionary which holds target recognition words and input form identifying information in association with each other (*col. 4, lines 27-44, it is inherent that the client device has a memory for storing speech recognition grammars to be transmitted to the server to perform speech recognition*); speech receiving means for receiving speech inputted by a speech input module, using an input form (*col. 3, ln. 5-67*); and first transmission means for transmitting input form identifying information indicating the input form, the user dictionary, and the speech to the server (*col. 4, ln. 27 to col. 6, ln. 67*), and

the server comprising: receiving means for receiving the input form identifying information, the user dictionary, and the speech (*server 100 in figure 1 and referring to col. 4, ln. 27 to col. 6, ln. 67*); speech recognition means for recognizing the speech using the target recognition words having input form identifying information identified by the received input form identifying information (*col. 4, ln. 27 to col. 7, ln. 67*); and second transmission means for transmitting the speech recognition result of said speech recognition means to the client (*col. 7, ln. 1 to col. 8, ln. 67*).

5. Regarding claim 44, Dragosh et al. further disclose a system according to claim 43, wherein said server further comprises holding means for holding a plurality of kinds of recognition dictionaries, and a table managing a correspondence of the input form identifying information and each of the plurality of kinds of recognition dictionaries, and

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wherein said speech recognition means selects a recognition dictionary corresponding to the received input form identifying information from said holding means by referring to the table, and recognizes the speech using the selected recognition dictionary and the selected target recognition word (*col. 5, ln. 1 to col. 6, ln. 67*).

6. Regarding claims 45, 51, 57, and 60, Dragosh et al. disclose that in a client-server speech recognition system, method, and computer-readable medium for recognizing, by a server, speech input at a client for inputting information to an input form, the client having plural input forms, an information processing apparatus acting as the client comprising: storing means for storing a user dictionary which holds target recognition words and input form identifying information in association with each other (*col. 4, lines 27-44, it is inherent that the client device has a memory for storing speech recognition grammars to be transmitted to the server to perform speech recognition*); speech receiving means for receiving speech inputted by a speech input module using an input form (*col. 3, ln. 5-67*); transmission means for transmitting input form identifying information indicating the input form to be inputted of the speech, the user dictionary, and the speech to the server (*col. 4, ln. 27 to col. 6, ln. 67*).

7. Regarding claims 46, 52, 58, and 61, Dragosh et al. disclose that in a client-server speech recognition system and method for recognizing, by a server, speech input at a client for inputting information to an input form, the client having plural input forms, an information processing apparatus acting as the server comprising: receiving

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means for receiving input form identifying information indicating a kind of the input form to be inputted of speech inputted by the client (*col. 5, ln. 26-57, grammar identifier*), a user dictionary, and the speech (*col. 5, ln. 1 to col. 6, ln. 67*), the user dictionary holding target recognition words and input form identifying information in association with each other (*col. 4, lines 27-44*); speech recognition means for recognizing the speech using the target recognition words having the input form identifying information identified by the received input form identifying information (*col. 6, ln. 1 to col. 7, ln. 67*); and transmission means for transmitting the speech recognition result of said speech recognition means to the client (*col. 6, ln. 1 to col. 7, ln. 67*).

8. Regarding claim 47, Dragosh et al. disclose a client-server speech recognition system for recognizing, by a server, speech input at a client for inputting information to an input form, the client having plural input forms, the client-server speech recognition system comprising: the client comprising: storing means for storing a user dictionary which holds target recognition words and input form identifying information in association with each other (*col. 4, lines 27-44, it is inherent that the client device has a memory for storing speech recognition grammars to be transmitted to the server to perform speech recognition*); speech receiving means for receiving speech inputted by a speech input module (*col. 3, ln. 5-67*); and first transmission means for transmitting input form identifying information indicating the input form to be inputted of the speech, the user dictionary, and the speech to the server (*col. 4, ln. 27 to col. 6, ln. 67*), and

the server comprising: holding means for holding a plurality of kinds of recognition dictionaries (*Load Client Grammar 304 in figure 3*); receiving means for receiving the input form identifying information, the user dictionary, and the speech (*server 100 in figure 1 and referring to col. 4, ln. 27 to col. 6, ln. 67*); speech recognition means for selecting a recognition dictionary corresponding to the received input form identifying information from said holding means, selecting, from the received user dictionary, target recognition words having the recognition dictionary identifying information corresponding to the selected recognition dictionary, and recognizing the speech using the selected recognition dictionary and the selected target recognition words (*col. 4, ln. 27 to col. 7, ln. 67*); and second transmission means for transmitting the speech recognition result of said speech recognition means to the client (*col. 7, ln. 1 to col. 8, ln. 67*).

9. Regarding claims 48 and 54, Dragosh et al. disclose that in a client-server speech recognition system and method for recognizing, by a server, speech input at a client for inputting information to an input form, the client having plural input forms, an information processing apparatus acting as the client comprising: storing means for storing a user dictionary which holds target recognition words and input form identifying information in association with each other (*col. 4, lines 27-44, it is inherent that the client device has a memory for storing speech recognition grammars to be transmitted to the server to perform speech recognition*); speech receiving means for receiving speech inputted by a speech input module using an input form (*col. 3, ln. 5-67*); transmission

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means for transmitting input form identifying information indicating the input form to be inputted of the speech, the user dictionary, and the speech to the server (*col. 4, ln. 27 to col. 7, ln. 67*); and receiving means for receiving a speech recognition result of the speech recognized by the server using the input form identifying information and the user dictionary from the server (*server 100 in figure 1 or referring to col. 4, ln. 27 to col. 7, ln. 67*).

10. Regarding claims 49 and 55, Dragosh et al. disclose that in a client-server speech recognition system and method for recognizing, by a server, speech input at a client for inputting information to an input form, the client having plural input forms, an information processing apparatus acting as the server comprising: holding means for holding a plurality of kinds of recognition dictionaries (*Load Client Grammar 304 in figure 3*); receiving means for receiving input form identifying information indicating an input form used for inputting speech by the client, a user dictionary, and the speech from the client, the user dictionary holding a target recognition word and recognition dictionary identifying information in association with each other (*server 100 in figure 1 or referring to col. 4, ln. 27 to col. 7, ln. 67*);

speech recognition means for selecting a recognition dictionary corresponding to the received input form identifying information from said holding means, selecting, from the received user dictionary, target recognition words having the recognition dictionary identifying information corresponding to the selected recognition dictionary, and recognizing the speech using the selected recognition dictionary and the selected target

recognition words (*col. 4, ln. 27 to col. 7, ln. 67*); and transmission means for transmitting the speech recognition result of said speech recognition means to the client (*col. 7, ln. 1 to col. 8, ln. 67*).

11. Regarding claims 50, 53, 56, and 59, Dragosh et al. disclose a method and computer-readable medium of controlling a client-server speech recognition system for recognizing, by a server, speech input at a client for inputting information to an input form, the client having plural input forms, the method comprising: storing step for storing a user dictionary which holds target recognition words and input form identifying information in association with each other (*col. 4, lines 27-44, it is inherent that the client device has a memory for storing speech recognition grammars to be transmitted to the server to perform speech recognition*); a speech receiving step of receiving speech inputted by a speech input module using an input form (*col. 3, ln. 5-67*); a first transmission step of transmitting input form identifying information indicating the input form to be inputted of the speech, the user dictionary, and the speech to the server (*col. 4, ln. 27 to col. 7, ln. 67*); a receiving step of receiving the input form identifying information, the user dictionary, and the speech (*referring to figure 4*); a speech recognition step recognizing the speech using the target recognition words having input form identifying information identified by the received input form identifying information (*col. 4, ln. 27 to col. 7, ln. 67*); and a second transmission step of transmitting the speech recognition result of said speech recognition step to the client (*col. 7, ln. 1 to col. 8, ln. 67*).

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huyen Vo whose telephone number is 703-305-8665. The examiner can normally be reached on M-F, 9-5:30.

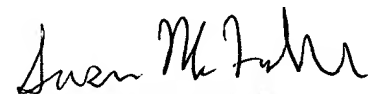
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached on 703-305-4827. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HXV

April 21, 2005


SUSAN MCFADDEN
PRIMARY EXAMINER